

Wang Engineering
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BORING LOG PBB-10
 WEI Job No.: 201-40-01
 Client: **McDonough Associates Inc.**
 Project: **US 45**
 Location: **ORLAND PARK, T 36N, R 12E**

Datum: NGVD
 Elevation: 701.09 ft
 North: 1793400.87 ft
 East: 1115873.93 ft
 Station: 126+86.04
 Offset: 64.03 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
700.1	12-inch thick, black SILTY CLAY LOAM --TOPSOIL-- Stiff to very stiff, black, brown and gray CLAY LOAM to SILTY LOAM, organic traces	0	1	4 4 2	3.00	19							
		2	2	4 4 4	2.00	33							
		3	3	5 5 4	1.00	28							
695.3	Soft, brown, gray and black CLAY, trace ORGANICS		4	2 2 2	0.25	29							
693.3	Soft, brown and gray SANDY CLAY LOAM Organic Content=6.4%		5	1 1 1	0.25	24							
690.1	Medium stiff to stiff, gray SILTY CLAY		6	2 2 2	0.75	17							
687.1	Boring terminated at 14.00 ft		7	2 2 2	1.75	21							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-03-2010	Complete Drilling	12-03-2010	While Drilling	▽	9.00 ft	
Drilling Contractor	WTS	Drill Rig	D-50 ATV	At Completion of Drilling	▽	9.00 ft	
Driller	K&K	Logger	F. Bozga	Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion			Depth to Water	▽	NA	

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BORING LOG PBB-13
 WEI Job No.: 201-40-01
 Client: **McDonough Associates Inc.**
 Project: **US 45**
 Location: **ORLAND PARK, T 36N, R 12E**

Datum: NGVD
 Elevation: 701.53 ft
 North: 1793487.12 ft
 East: 1115874.21 ft
 Station: 126+72.91
 Offset: 69.17 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
700.1	12-inch thick, very stiff, dark brown CLAY LOAM --TOPSOIL-- Stiff, brown and black SILTY CLAY, trace ORGANICS	0	1	4 4 2	2.75	23							
		2	2	4 4 4	1.25	34							
		3	3	4 4 3	1.00	35							
694.5	Very soft, brown and gray CLAY, trace ORGANICS --L _c (%)=55, P _c (%)=27-- --%Gravel=0.1-- --%Sand=2.2-- --%Silt=61.7-- --A-7-6 (32)--		4	1 1 1	0.25	43							
692.0	Very soft, gray CLAY		5	0 0 0	0.25	68							
690.2	Medium stiff to very stiff, brown and gray SILTY CLAY		6	0 0 0	0.25	32							
		7	7	4 4 2	0.75	23							
		8	8	2 2 2	2.50	20							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-02-2010	Complete Drilling	12-02-2010	While Drilling	▽	DRY	
Drilling Contractor	WTS	Drill Rig	D-50 ATV	At Completion of Drilling	▽	DRY	
Driller	K&K	Logger	F. Bozga	Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion			Depth to Water	▽	NA	

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BORING LOG PBB-15
 WEI Job No.: 201-40-01
 Client: **McDonough Associates Inc.**
 Project: **US 45**
 Location: **ORLAND PARK, T 36N, R 12E**

Datum: NGVD
 Elevation: 701.18 ft
 North: 1793549.23 ft
 East: 1115868.43 ft
 Station: 127+35.78
 Offset: 66.28 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
698.2	Medium dense, gray CRUSHED STONE (stone size up to 5-inch) --FILL--	0	1	6 7 8	NP	12							
		2	2	4 4 4	2.00	39							
		3	3	4 4 5	0.50	32							
692.9	Soft, brown and gray CLAY --WET SPOON--		4	1 1 1	0.50	33							
691.1	Stiff, gray SILTY CLAY LOAM, trace gravel		5	0 0 0	0.25	35							
689.2	Boring terminated at 12.00 ft		6	3 3 3	1.50	23							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-24-2010	Complete Drilling	11-24-2010	While Drilling	▽	8.00 ft	
Drilling Contractor	WTS	Drill Rig	B-57 TMR	At Completion of Drilling	▽	6.00 ft	
Driller	R&J	Logger	B. Wilson	Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25" IDA HSA; Boring backfilled upon completion			Depth to Water	▽	NA	

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URS

Note:
 For retaining wall key plan see sheet 1.
 For typical wall details see sheet 2.
 See individual wall sheets for boring locations.

FILE NAME = D:\160F05-SHT-Boring\16.dgn	USER NAME = Anthony.Plutz	DESIGNED - WEI	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL SOIL BORING LOGS	F.A.P R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED - JCE	REVISED -			330	103R-3	COOK	932	593	
		PLOT SCALE = 0:2.00 '1" = 10'	REVISED -			CONTRACT NO. 60F05					
		DRAWN - JDK	REVISED -			ILLINOIS FED. AID PROJECT					
		PLOT DATE = 3/12/2013	CHECKED - JCE	REVISED -	SHEET NO. 38 OF 41 SHEETS						